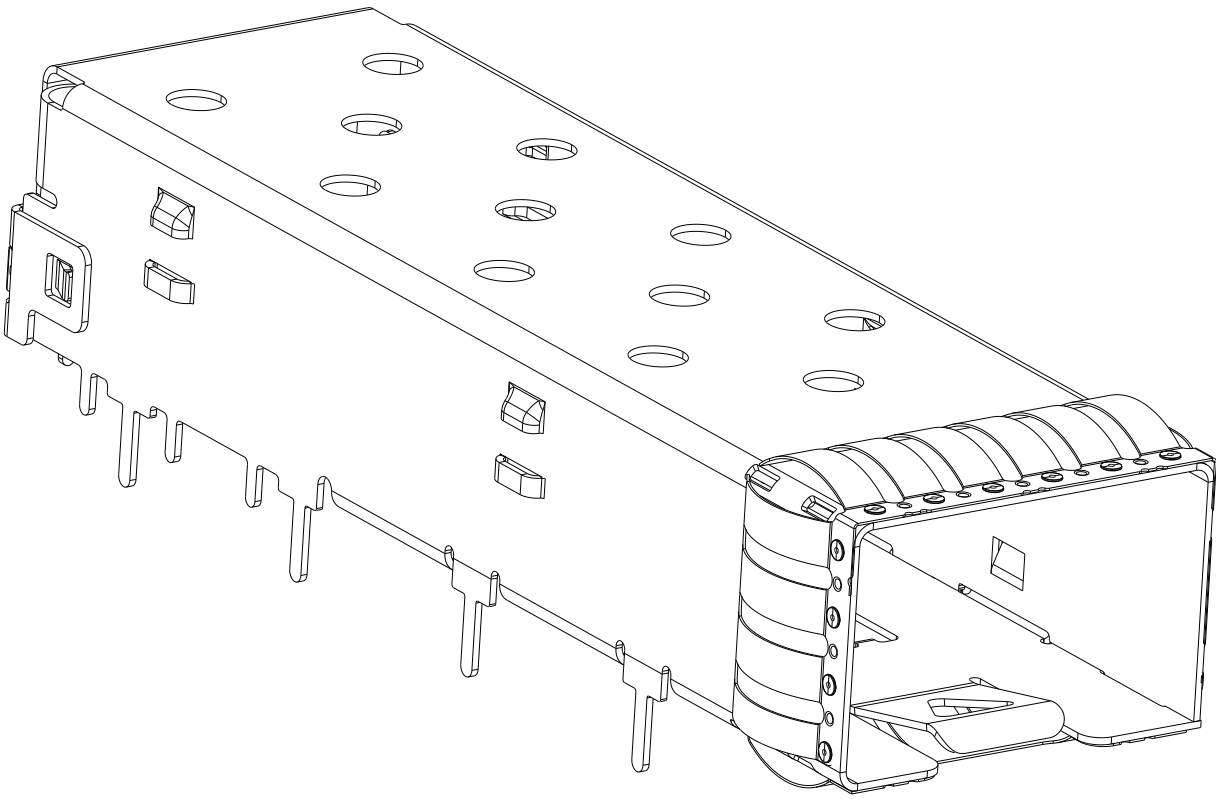
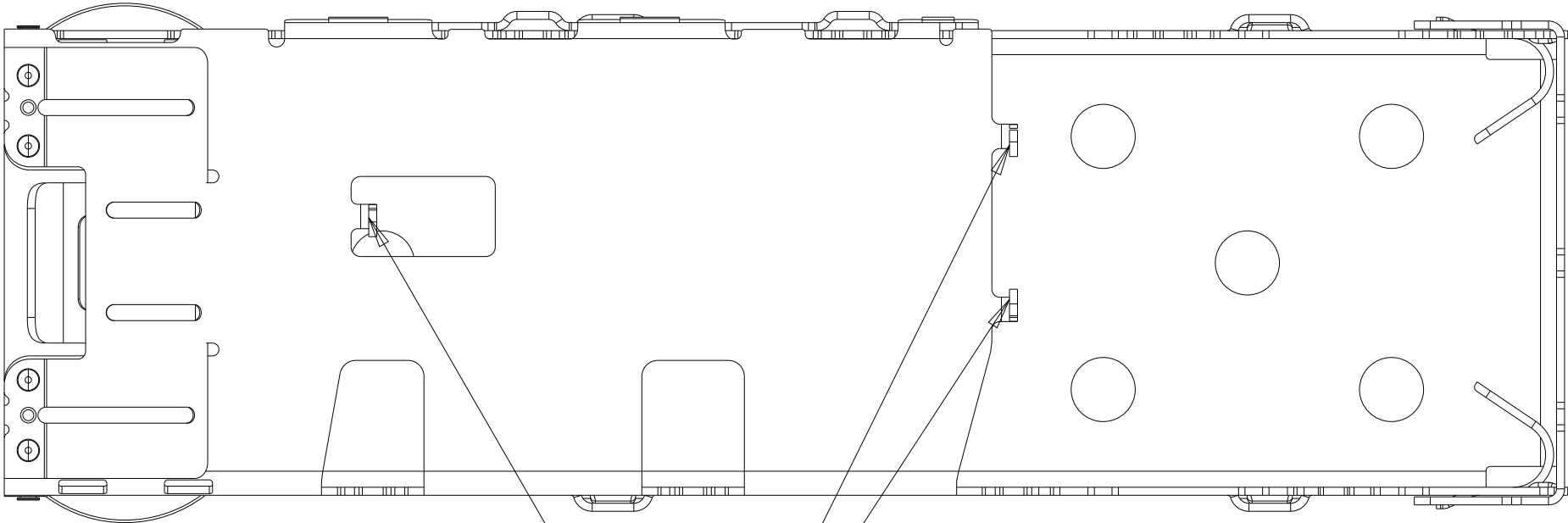
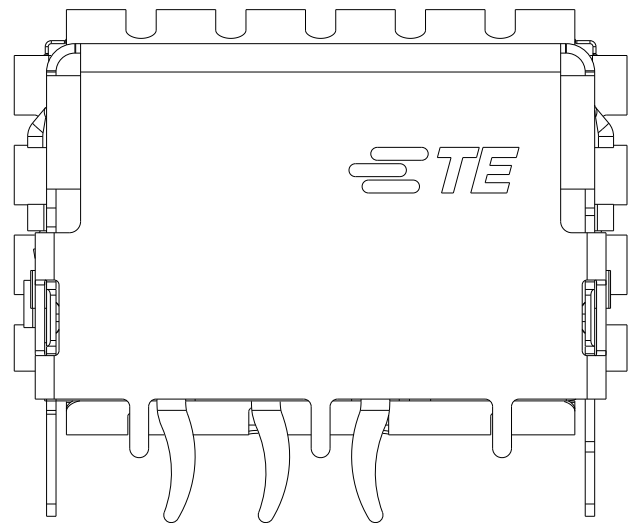
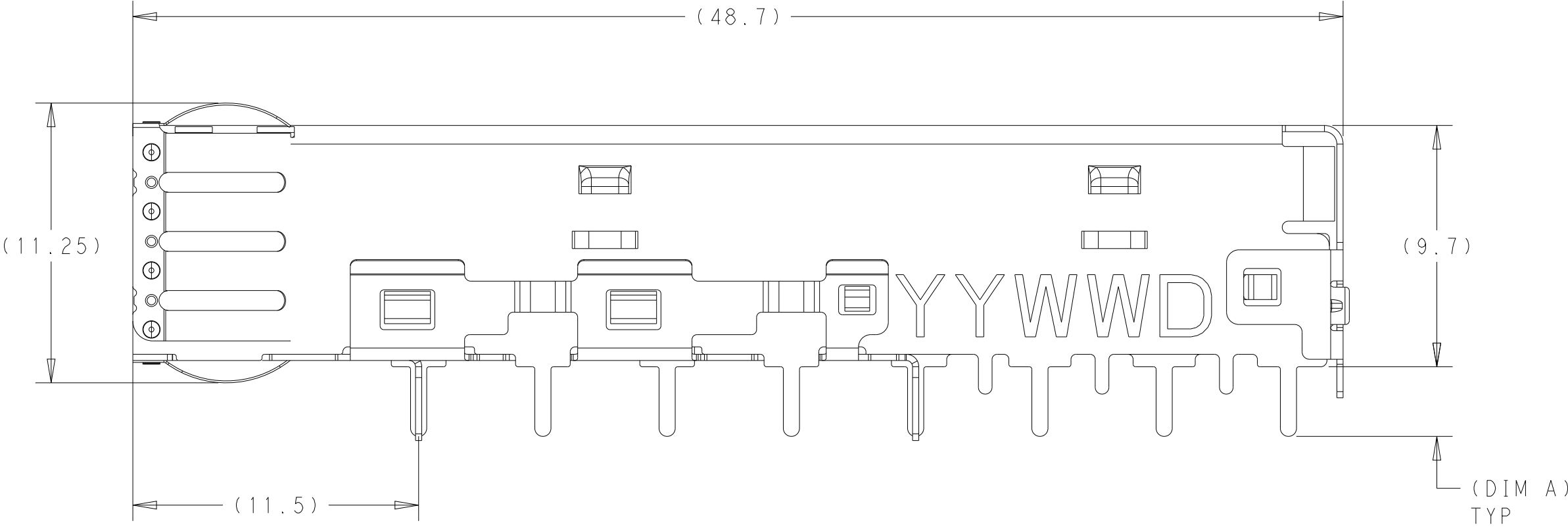
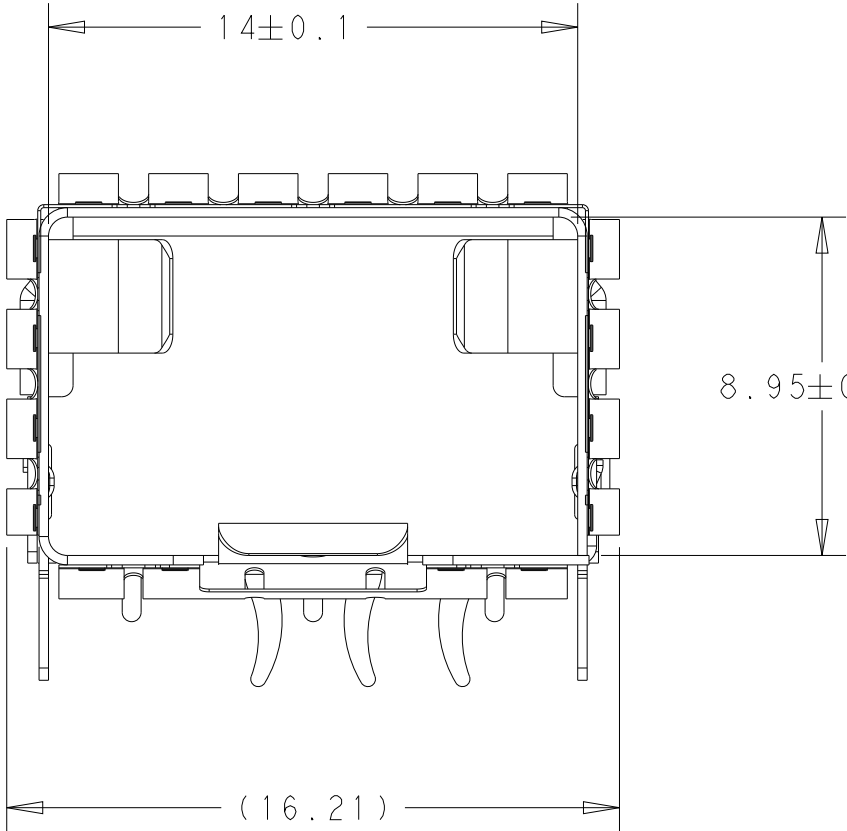
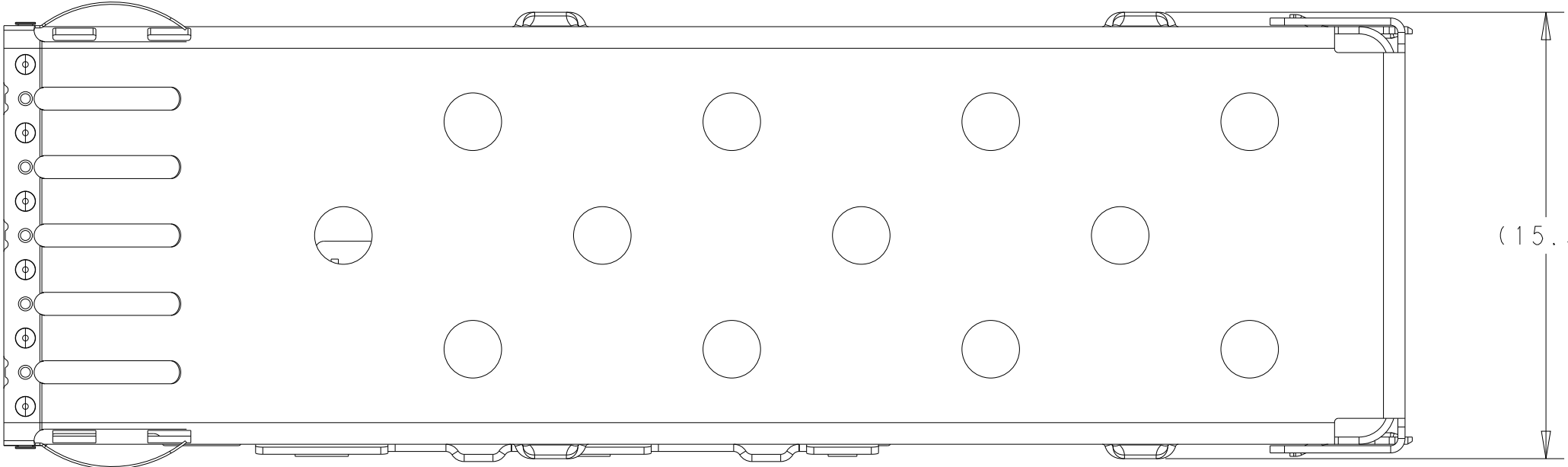


| LOC | DIST | REVISIONS |     |                                |           |     |      |  |
|-----|------|-----------|-----|--------------------------------|-----------|-----|------|--|
|     |      | P         | LTR | DESCRIPTION                    | DATE      | DWN | APVD |  |
| GP  | 00   |           | A3  | -8 CAGE ADD NICKEL PRE-PLATING | 18NOV2022 | RZ  | SZ   |  |
|     |      |           | A4  | 4-8 NEW PN ADDED               | 27MAR2024 | KH  | SZ   |  |
|     |      |           | A5  | ADD 6--2, NO TOP VENT HOLE     | 10MAR2025 | VL  | SZ   |  |
|     |      |           | A6  | REVISED PER ECN-25-315063      | 04APR2025 | TR  | SSH  |  |

2329851-1,5 AS SHOWN



2329851-1,5 3D VIEW



- 1 MATERIAL:  
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY  
EMI SPRINGS: COPPER ALLOY.
- 2 FINISH  
EMI SPRINGS - 0.8um MIN NICKEL,NON-PLATED EDGES PERMISSIBLE.
3. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.
- 4 PADS AND VIAS CHASSIS GROUND.
- 5 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
6. MINIMUM PC BOARD THICKNESS:  
SINGLE SIDED = 1.50 mm  
DOUBLE SIDED = 3.00 mm
- 7 REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR  
RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 8 REFERENCE APPLICATION SPEC. 114-13120, HOLE C, FOR  
RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
9. FOR ESD PROTECTION TAPE AND REEL PACKAGE ONLY.  
MATERIALS(COVER TAPE,EMBOSS TAPE,REEL,INNER LABEL ON REEL) USED WITH AN EPA AREA  
MUST PRIMARILY BE ELECTROSTATIC CONDUCTIVE OR ELECTROSTATIC DISSIPATIVE.  
NO MATERIAL SHOULD BE CHARGED UP TO MORE THAN 100 VOLTS.
- 10 CAGE ASSY - 1.27um MIN. NICKEL PRE-PLATING.  
ALL SOLDER PINS TIN DIPPED.
- 11 MATERIAL :  
CAGE ASSEMBLY : STAINLESS STEEL, 0.25MM THICK.

|                   |               |              |                   |             |
|-------------------|---------------|--------------|-------------------|-------------|
| <div>12</div>     | TAPE&REEL     | YES          | 2.8               | 6-2329851-2 |
| <div>12</div>     | TAPE&REEL     | YES          | 2.0               | 4-2329851-8 |
| <div>101</div>    | TRAY          | YES          | 1.6               | 4-2329851-1 |
| <div>12</div>     | TRAY          | YES          | 1.8               | 2-2329851-8 |
| <div>12</div>     | TRAY          | YES          | 1.2               | 2-2329851-7 |
| <div>12</div>     | TAPE&REEL     | NO           | 2.0               | 2329851-8   |
| <div>10</div>     | ESD TAPE&REEL | YES          | 1.2               | 2329851-7   |
| <div>12</div>     | TAPE&REEL     | YES          | 2.8               | 2329851-5   |
| <div>12</div>     | TRAY          | NO           | 2.0               | 2329851-3   |
| <div>10</div>     | TRAY          | YES          | 2.5               | 2329851-2   |
| <div>12</div>     | TRAY          | YES          | 2.8               | 2329851-1   |
| MATERIAL & FINISH | PACKAGE TYPE  | LOCATION PIN | SOLDER TAIL DIM A | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
MM

0 PLC  
1 PLC  
2 PLC  
3 PLC  
4 PLC  
ANGLES  
FINISH

±0.1  
±0.1  
±0.1  
±0.05  
±0.05  
±  
2

MATERIAL

1

2

OWN  
IYAN TIAN  
20APR2018

CHK  
SEAN HAN  
20APR2018

APVD  
SEAN HAN  
20APR2018

PRODUCT SPEC  
108-2364

APPLICATION SPEC  
114-13120

WEIGHT  
-

CUSTOMER DRAWING

NAME  
SFP+, 1X1 CAGE ASSEMBLY  
SOLDER TAIL EMI SPRINGS  
SINGLE PIECE TYPE

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
2329851

RESTRICTED TO  
-

SCALE  
2:1

SHEET  
1

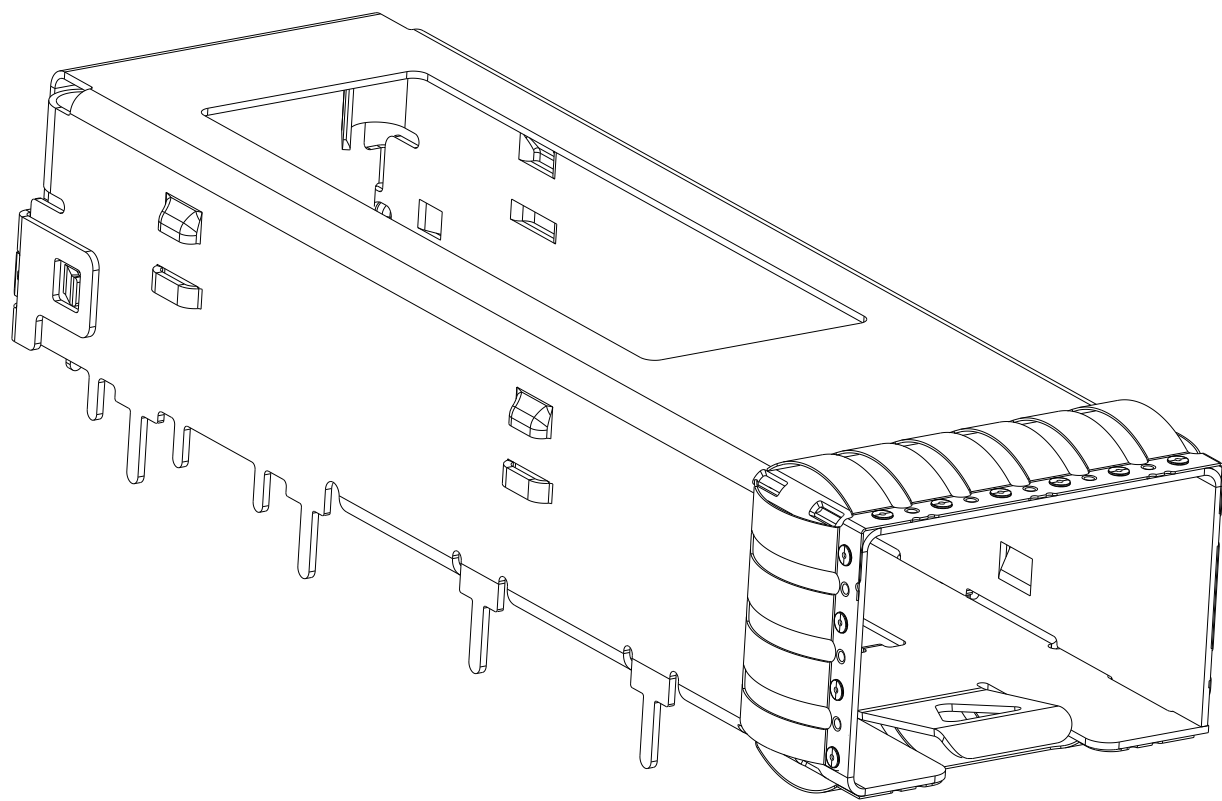
OF  
6

REV  
A6

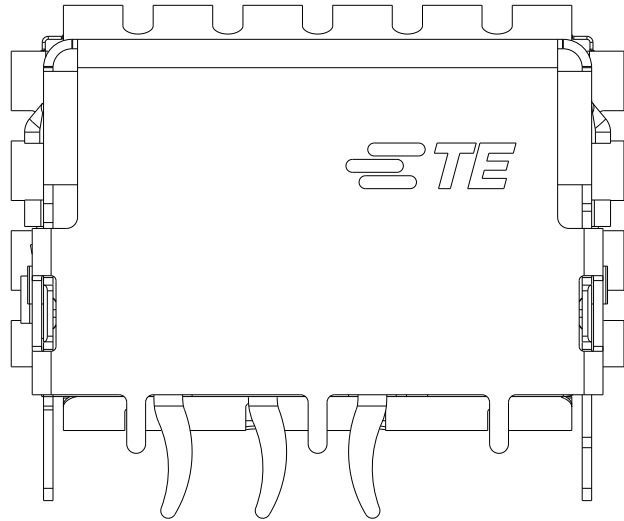
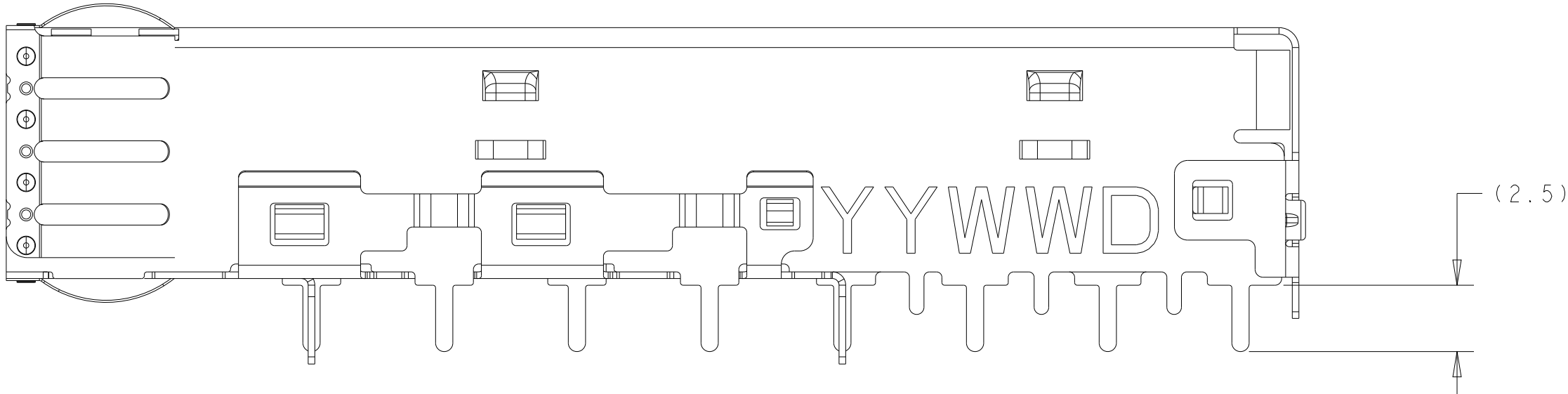
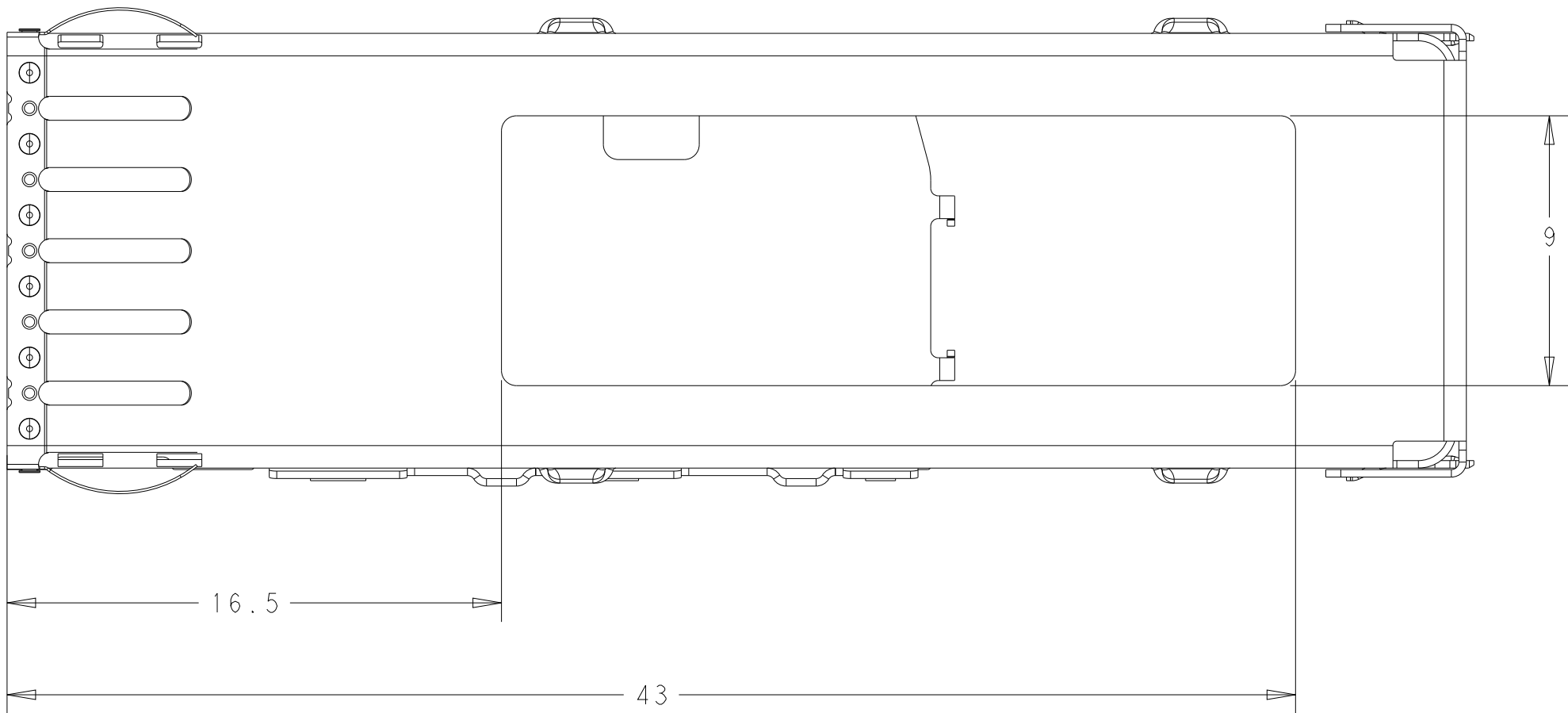
TE Connectivity

| LOC |    | DIST |     | REVISIONS   |      |     |      |  |  |
|-----|----|------|-----|-------------|------|-----|------|--|--|
| GP  | 00 | P    | LTR | DESCRIPTION | DATE | DWN | APVD |  |  |
|     |    | -    |     | SEE SHEET 1 | -    | -   | -    |  |  |
|     |    |      |     |             |      |     |      |  |  |
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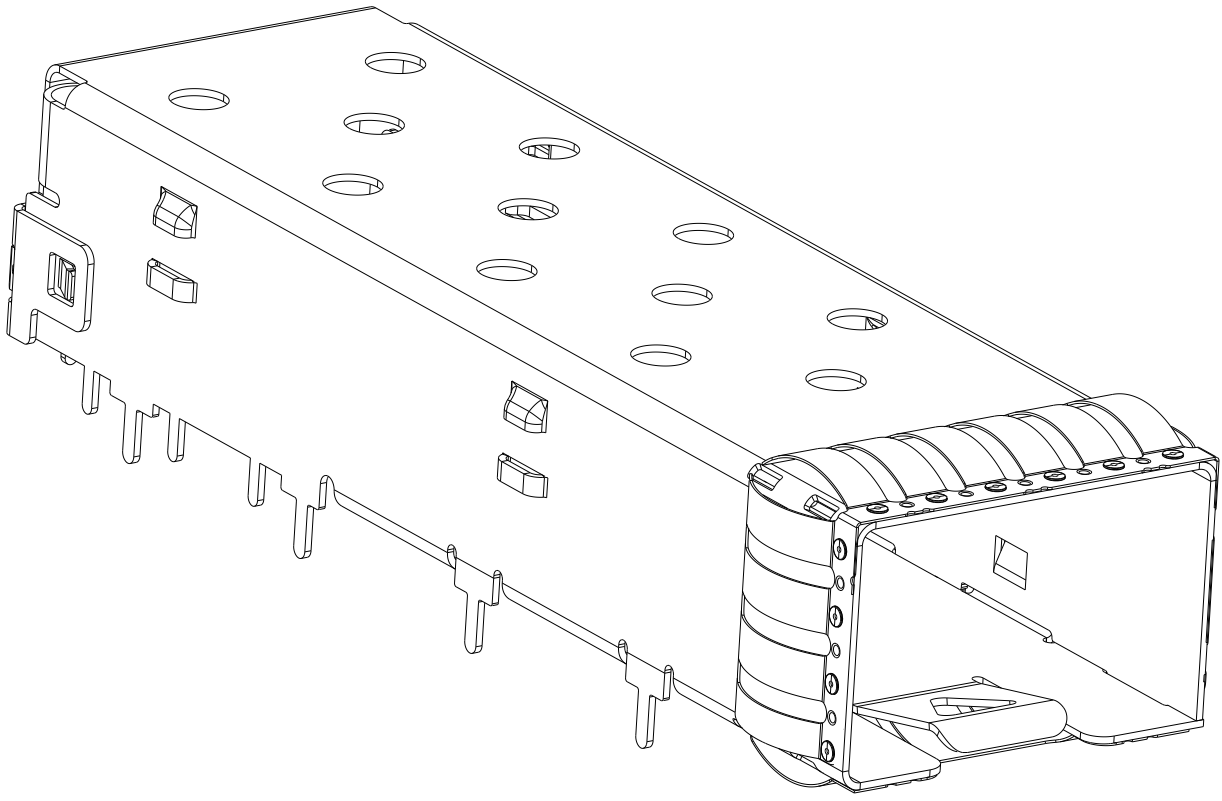
2329851-2 AS SHOWN  
OTHERS SAME SAME 2329851-1



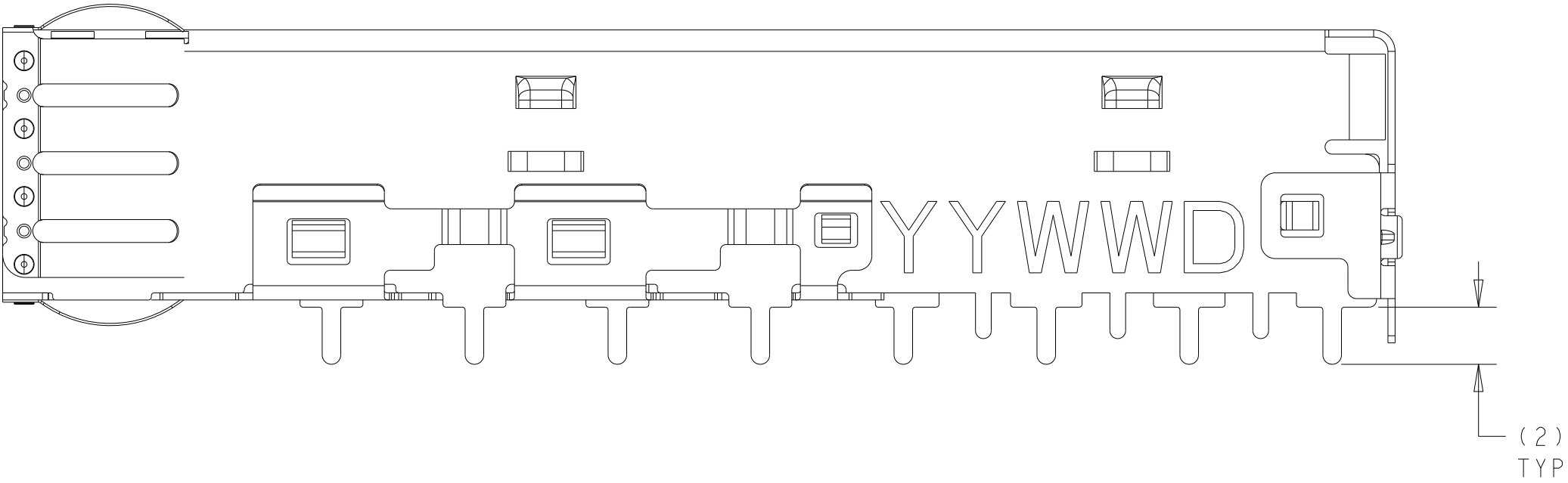
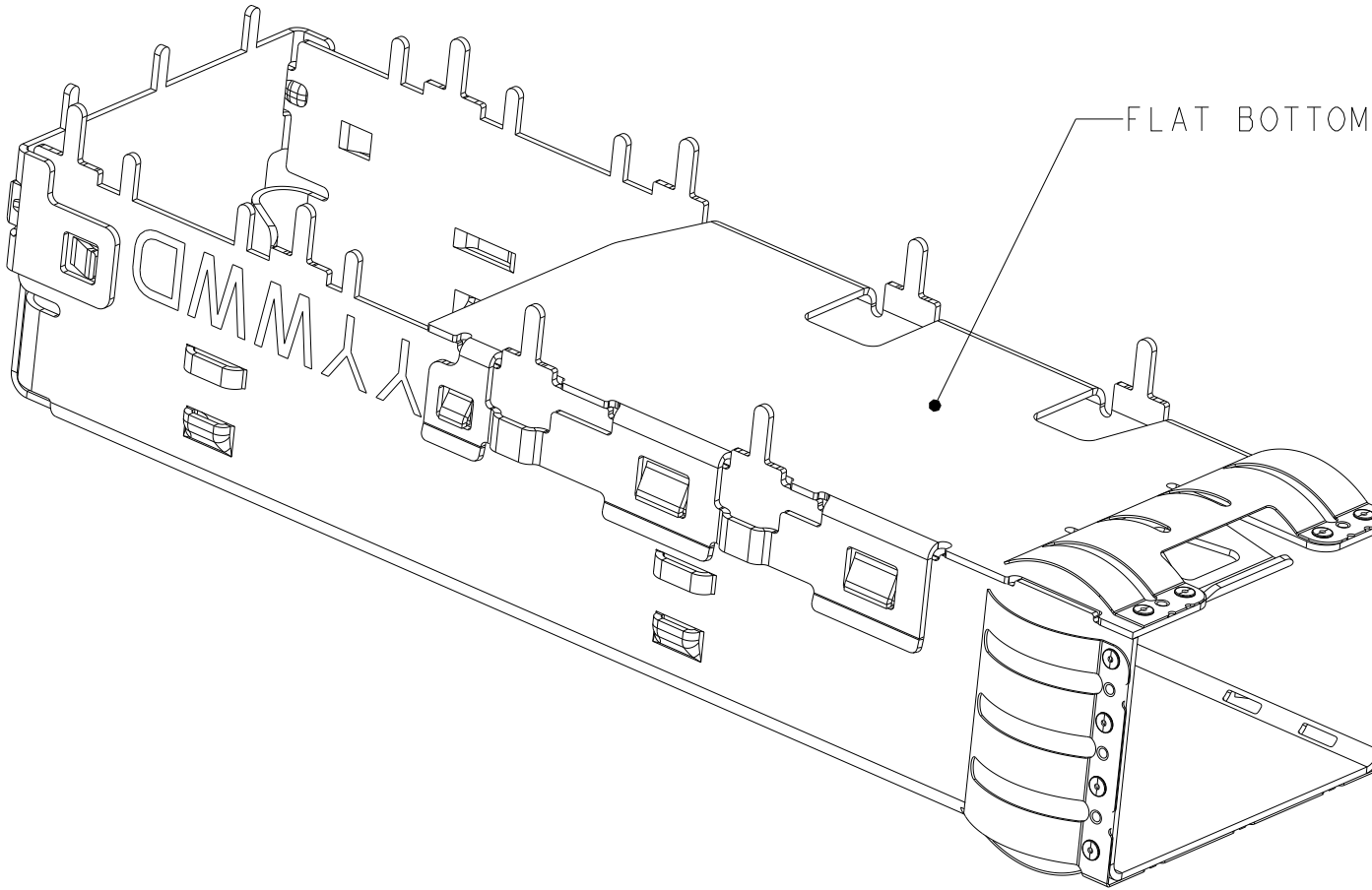
2329851-2 3D VIEW



2329851-3, -8 AS SHOWN  
OTHERS SAME SAME 2329851-1



2329851-3, -8 3D VIEW

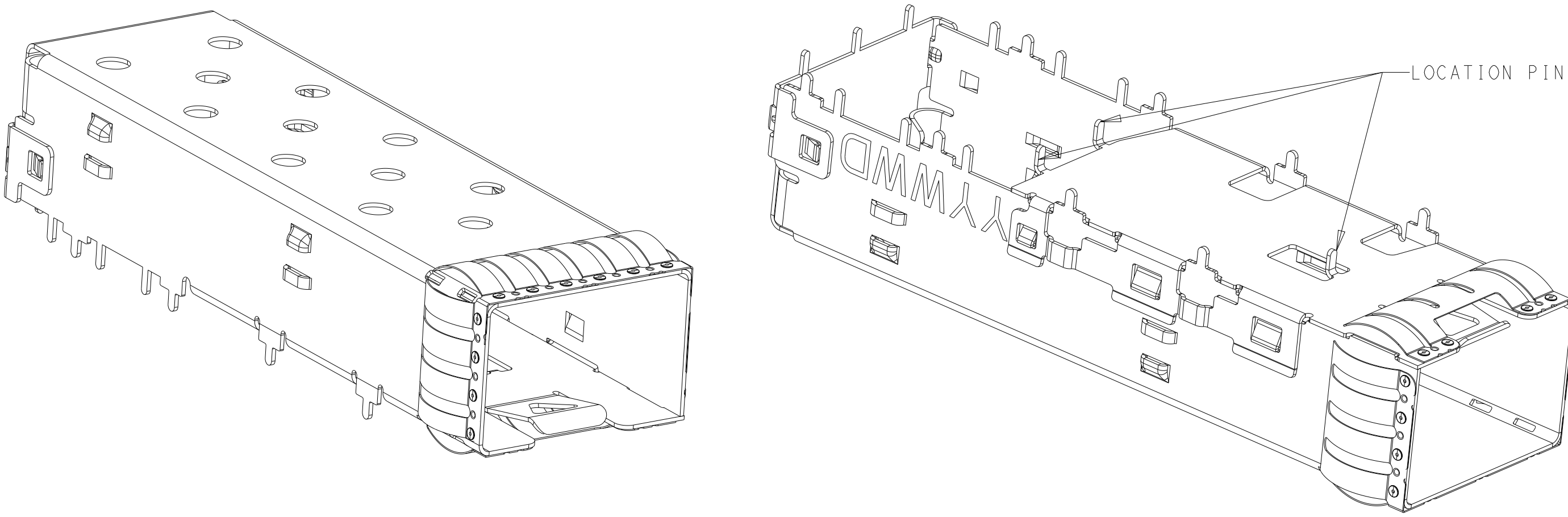


|                                                                                       |  |                                                                      |  |                  |           |           |           |       |                                                                                                       |           |                                                                         |           |  |    |
|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------|--|------------------|-----------|-----------|-----------|-------|-------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------|-----------|--|----|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |                                                                      |  | DWN              | IYAN TIAN |           | 20APR2018 |       |  TE Connectivity |           |                                                                         |           |  |    |
|                                                                                       |  |                                                                      |  | CHK              | SEAN HAN  |           | 20APR2018 |       |                                                                                                       |           |                                                                         |           |  |    |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                               |  | APVD             | SEAN HAN  |           | 20APR2018 |       | NAME                                                                                                  |           | SFP+, 1X1 CAGE ASSEMBLY<br>SOLDER TAIL EMI SPRINGS<br>SINGLE PIECE TYPE |           |  |    |
| MM                                                                                    |  |                                                                      |  | PRODUCT SPEC     |           | 108-2364  |           |       |                                                                                                       |           |                                                                         |           |  |    |
|  |  | 0 PLC ±0.1<br>1 PLC ±0.1<br>2 PLC ±0.1<br>3 PLC ±0.05<br>4 PLC ±0.05 |  | APPLICATION SPEC |           | 114-13120 |           | SIZE  |                                                                                                       | CAGE CODE |                                                                         |           |  |    |
| MATERIAL                                                                              |  | ANGLES ±<br>FINISH                                                   |  | WEIGHT           |           | -         |           | A1    |                                                                                                       | 00779     |                                                                         | C=2329851 |  | -  |
| CUSTOMER DRAWING                                                                      |  |                                                                      |  | SCALE            |           | 2:1       |           | SHEET |                                                                                                       | 2 OF 6    |                                                                         | REV       |  | A6 |

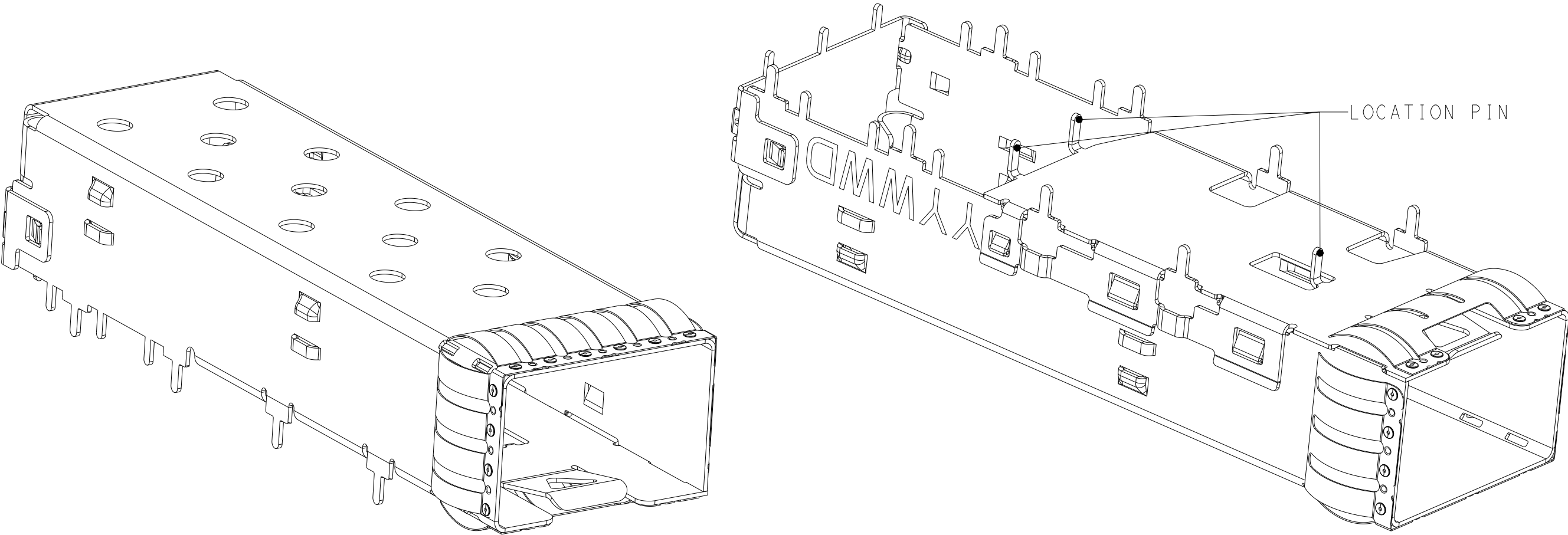
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|-----|--|------|--|-----------|-----|-------------|--|------|-----|------|
| GP  |  | 00   |  | P         | LTR | DESCRIPTION |  | DATE | DWN | APVD |
|     |  |      |  | -         |     | SEE SHEET 1 |  | -    | -   | -    |
|     |  |      |  |           |     |             |  |      |     |      |
|     |  |      |  |           |     |             |  |      |     |      |
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2329851-7 , 2-2329851-7 AS SHOWN  
OTHERS SAME SAME 2329851-1

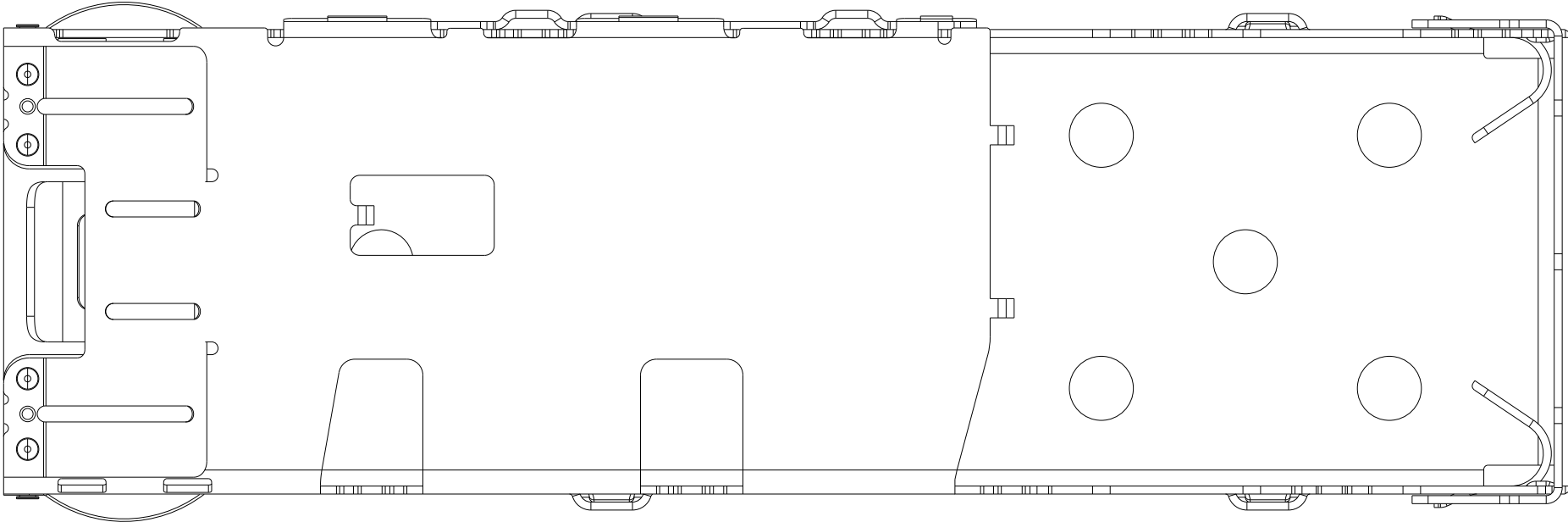
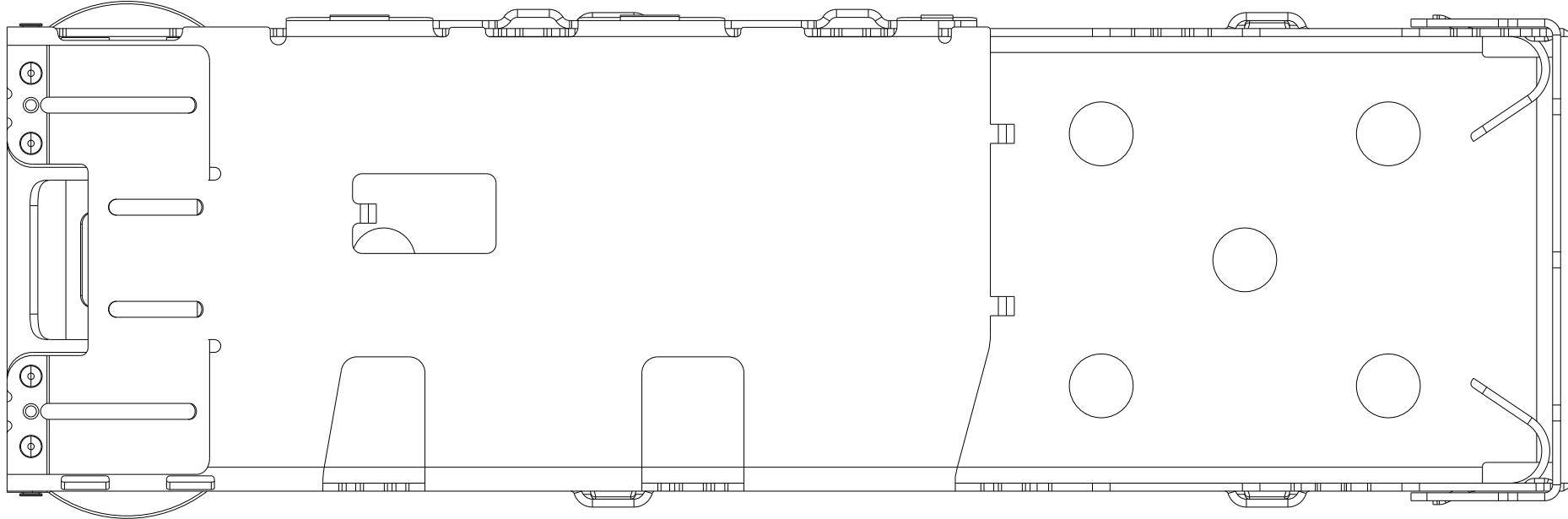
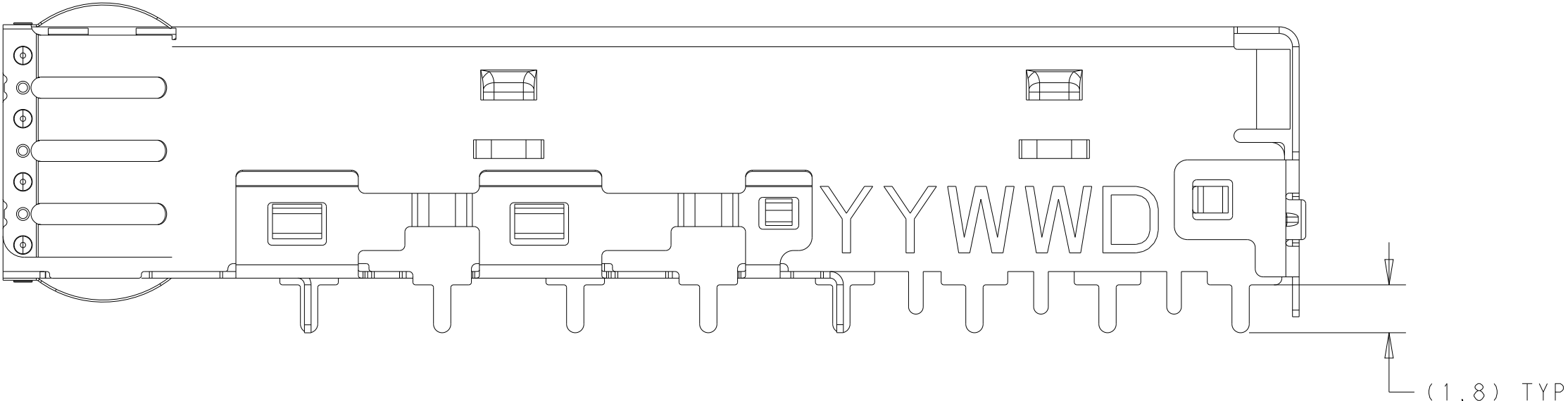
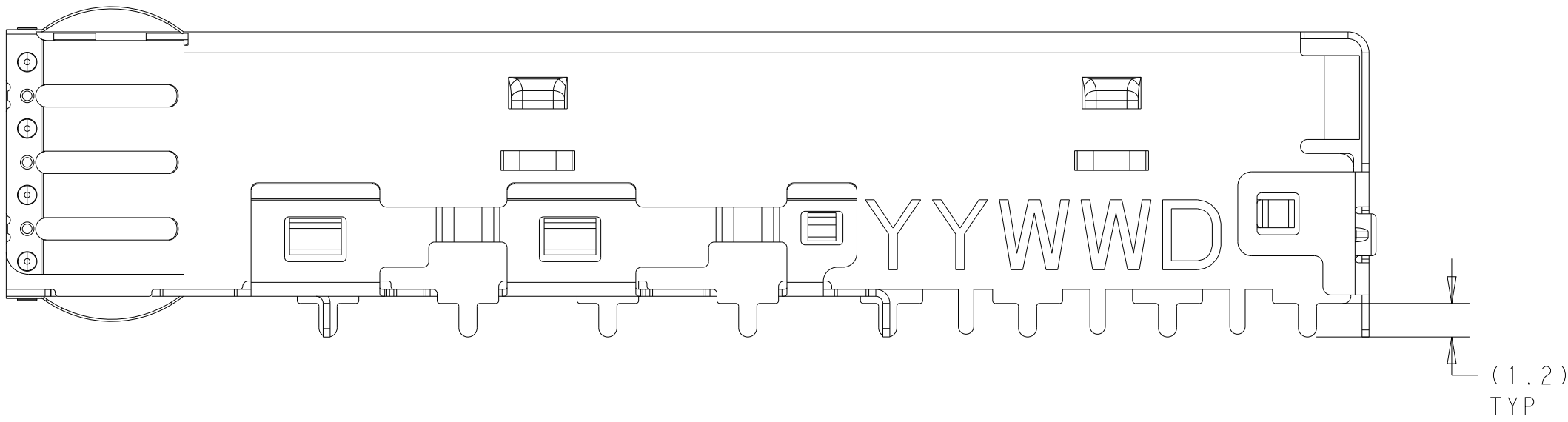
2-2329851-8 AS SHOWN  
OTHERS SAME SAME 2329851-1



2329851-7 3D VIEW



2-2329851-8 3D VIEW



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

IVAN TIAN

20APR2018

CHK

SEAN HAN

20APR2018

APVD

SEAN HAN

20APR2018

DIMENSIONS:

MM

0 PLC

±0.1

1 PLC

±0.1

2 PLC

±0.1

3 PLC

±0.05

4 PLC

±0.05

ANGLES

±

FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC

108-2364

APPLICATION SPEC

114-13120

WEIGHT

-

MATERIAL

CUSTOMER DRAWING

SCALE

2:1

SHEET

3

OF

6

REV

A6

NAME

SFP+, 1X1 CAGE ASSEMBLY  
SOLDER TAIL EMI SPRINGS  
SINGLE PIECE TYPE

SIZE

CAGE CODE

DRAWING NO

A100779

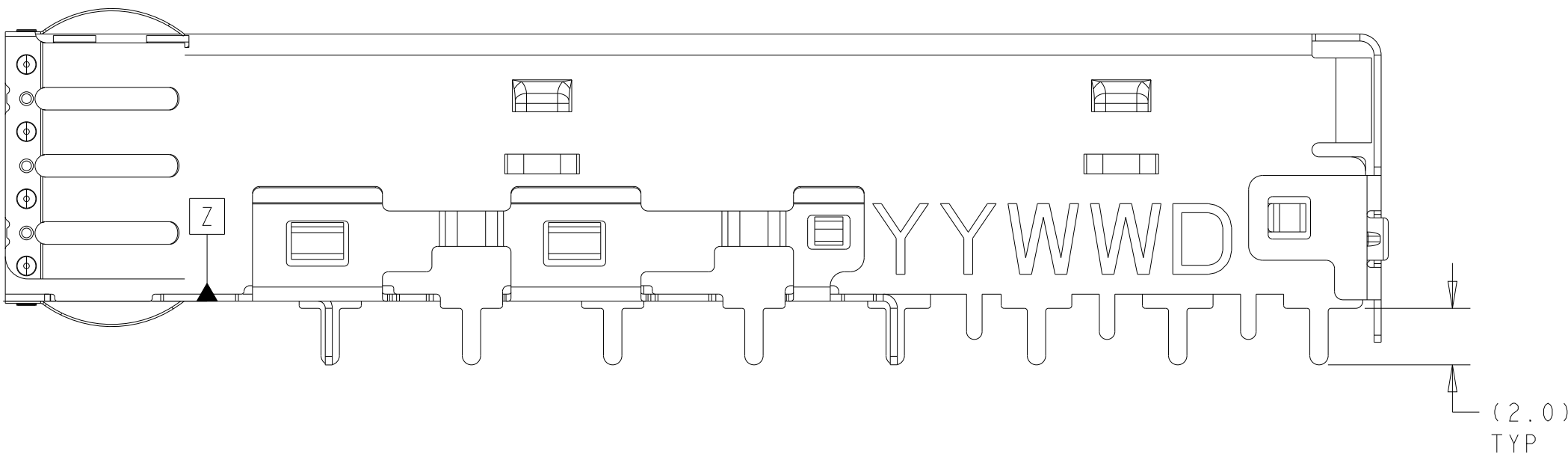
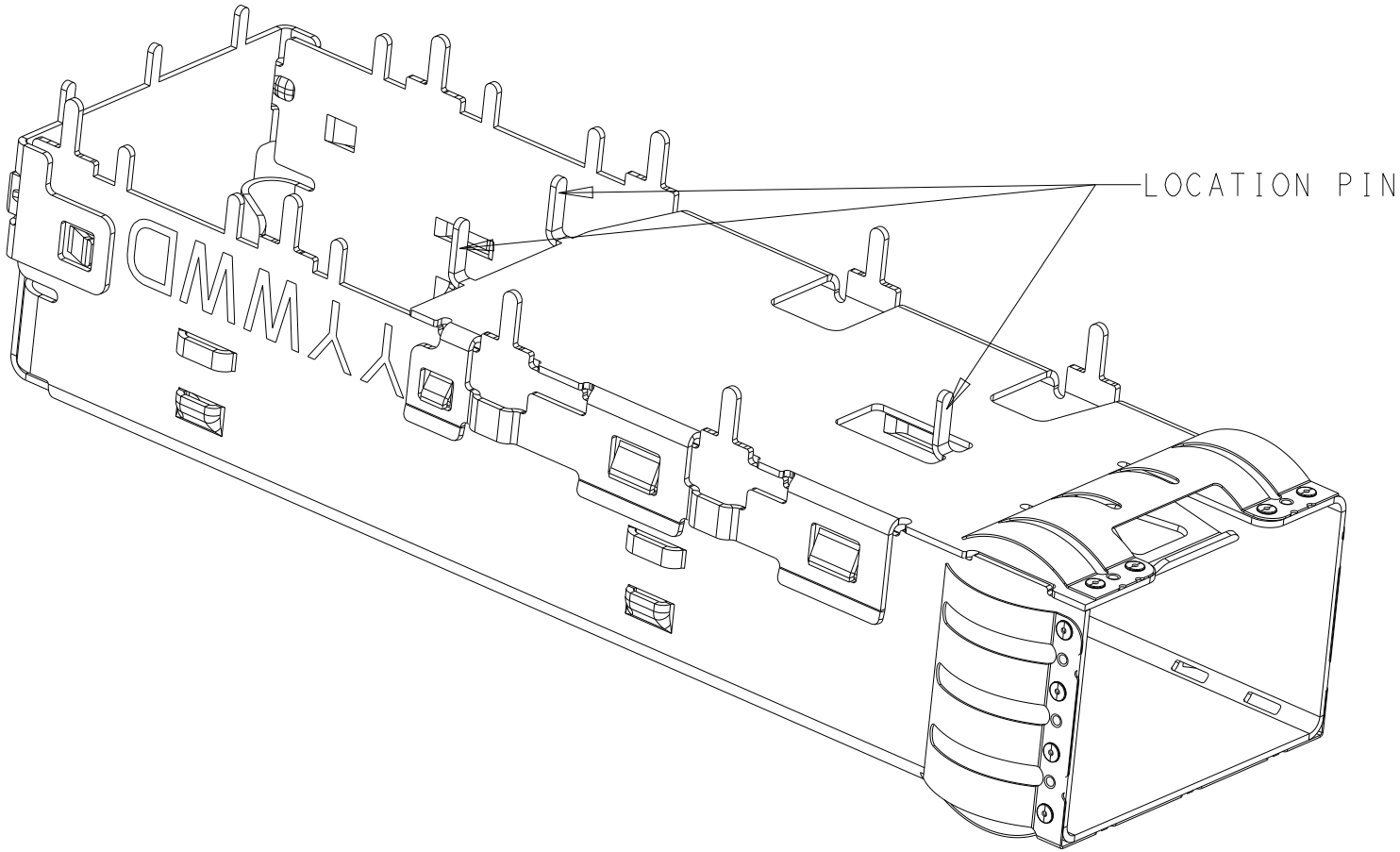
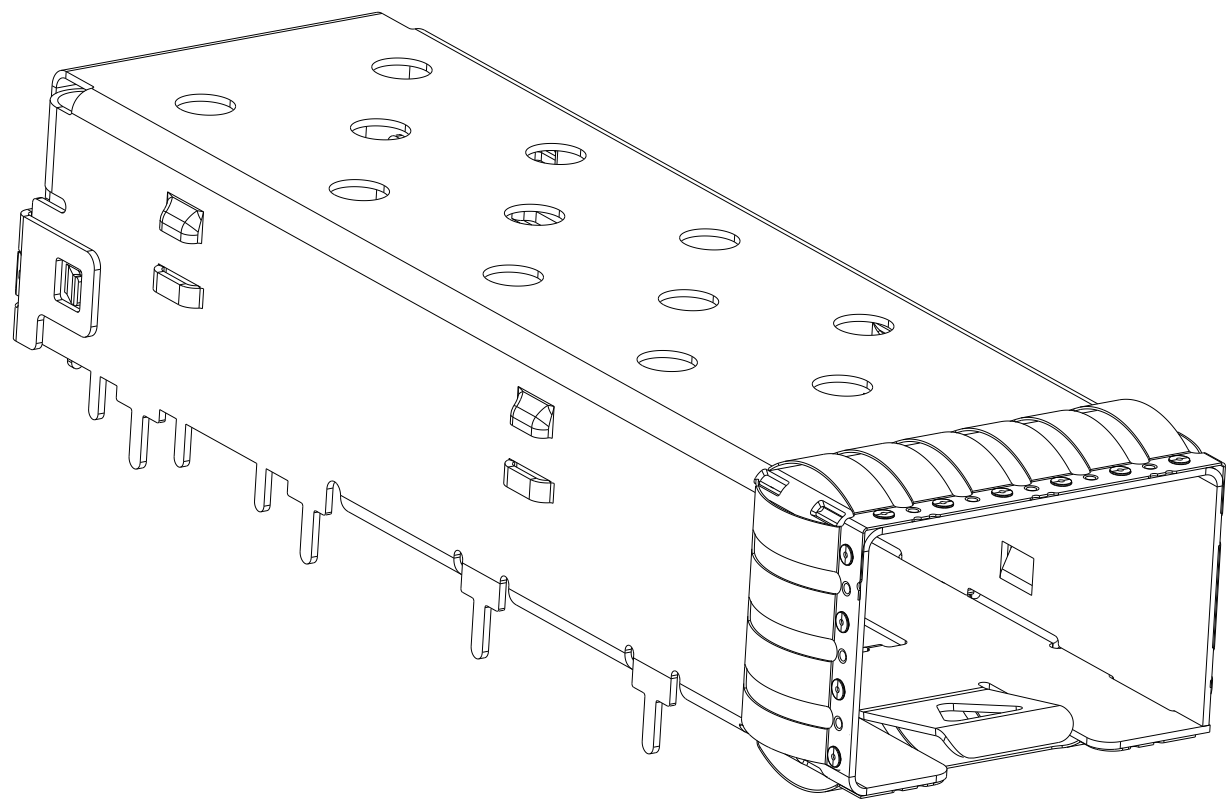
RESTRICTED TO

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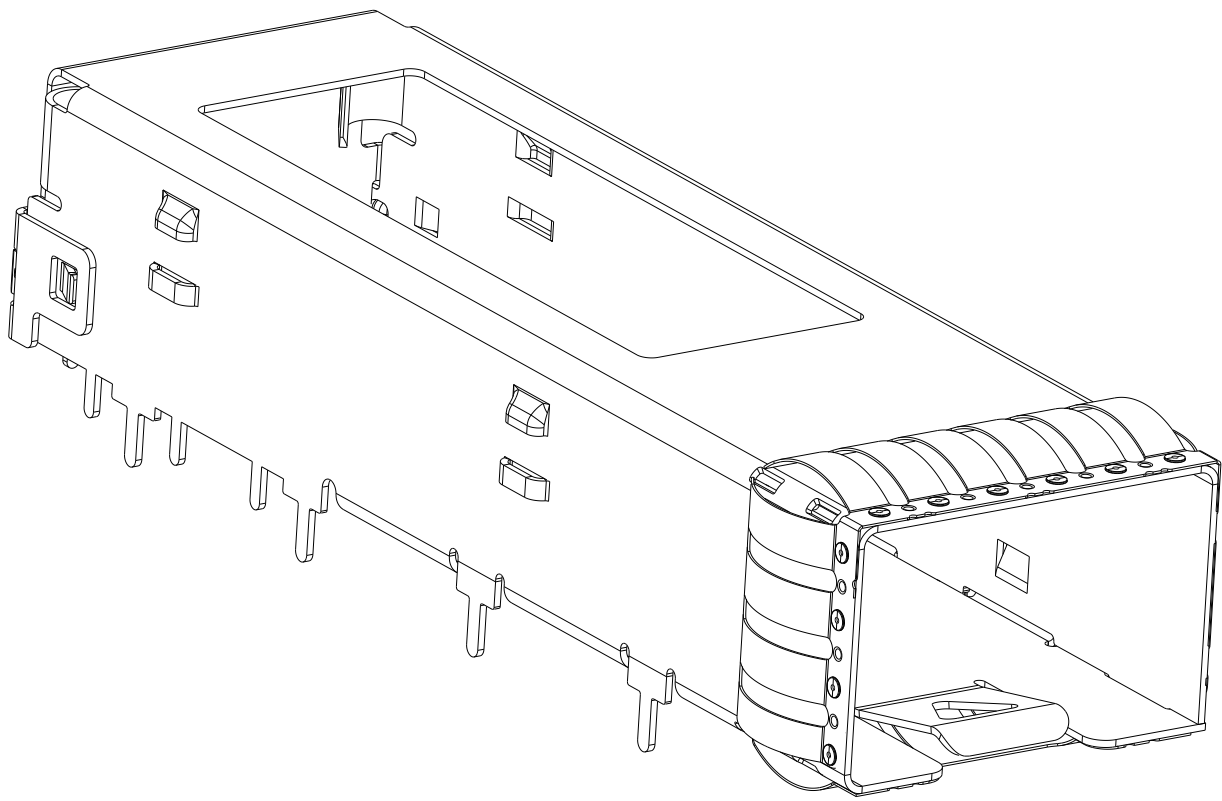
TE Connectivity

| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| GP  | 00   | -         |     | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |             |      |     |      |
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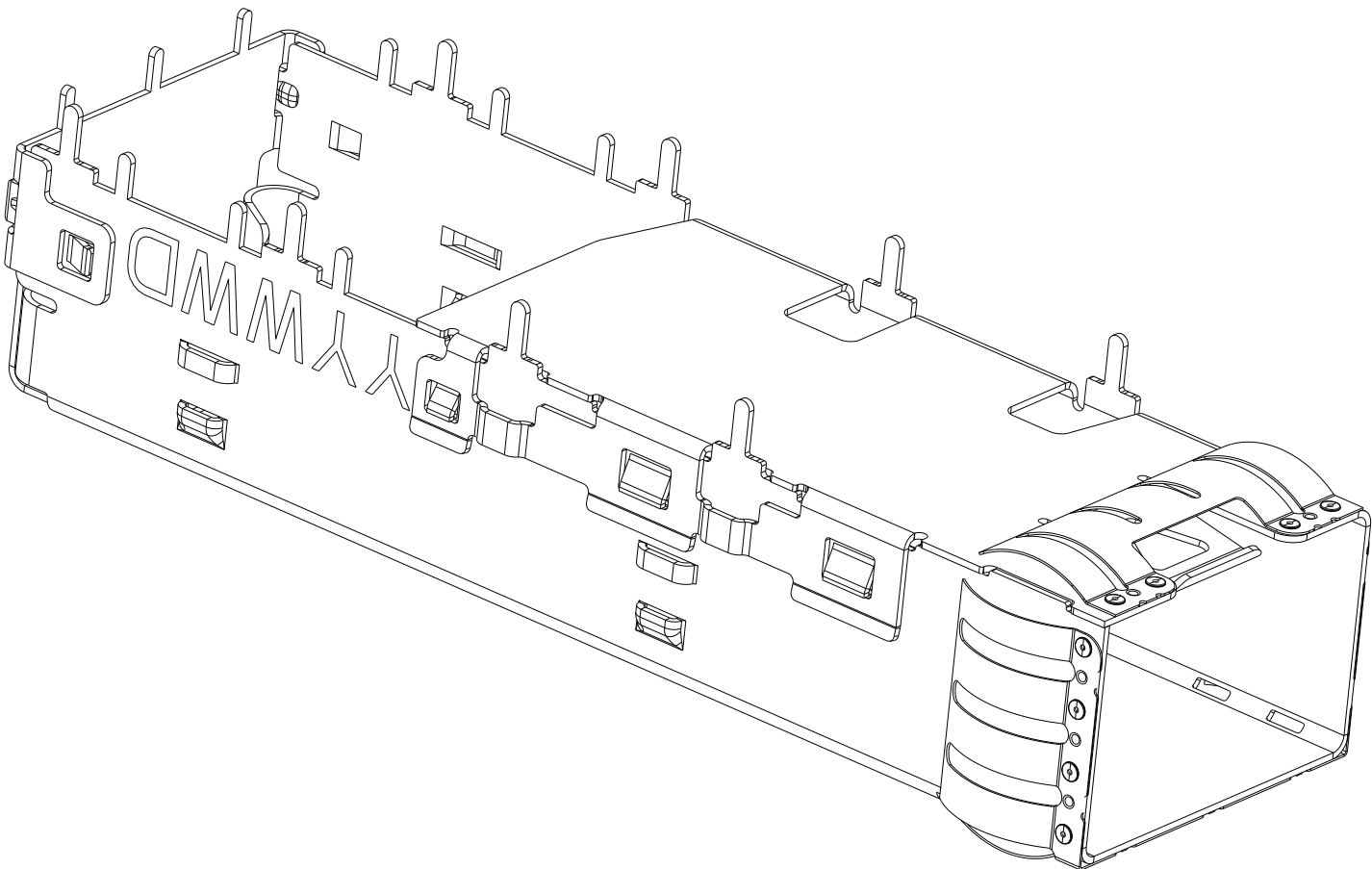
4-2329851-8 AS SHOWN  
OTHERS SAME SAME 2-2329851-8



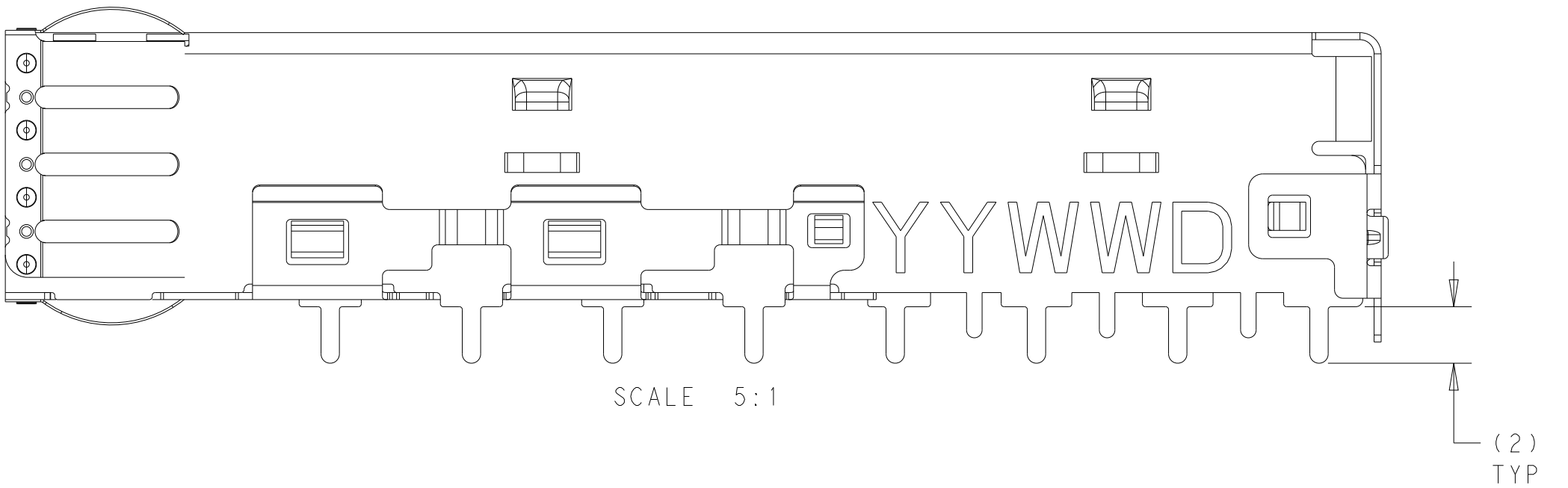
6-2329851-2 AS SHOWN  
OTHERS SAME SAME 2329851-1



SCALE 4:1

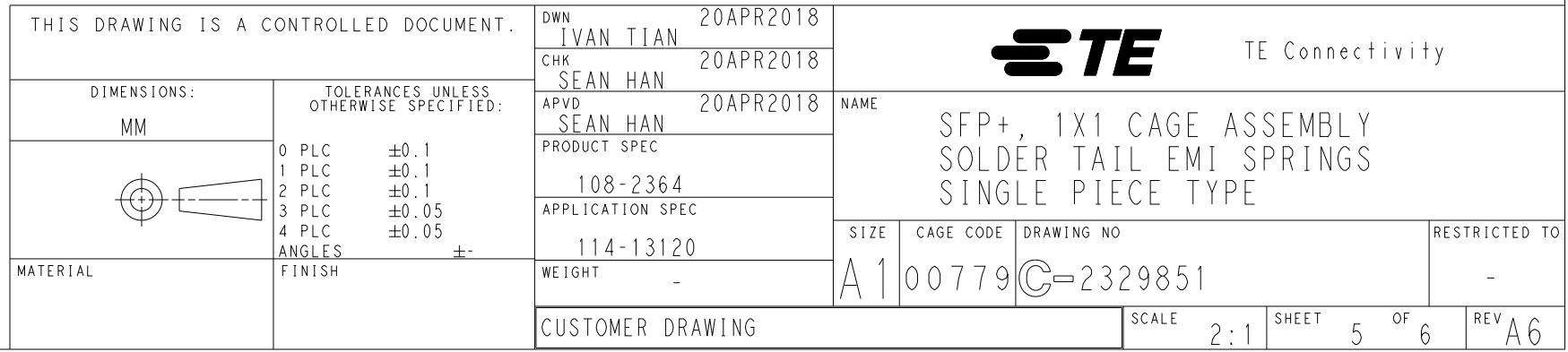


SCALE 4:1

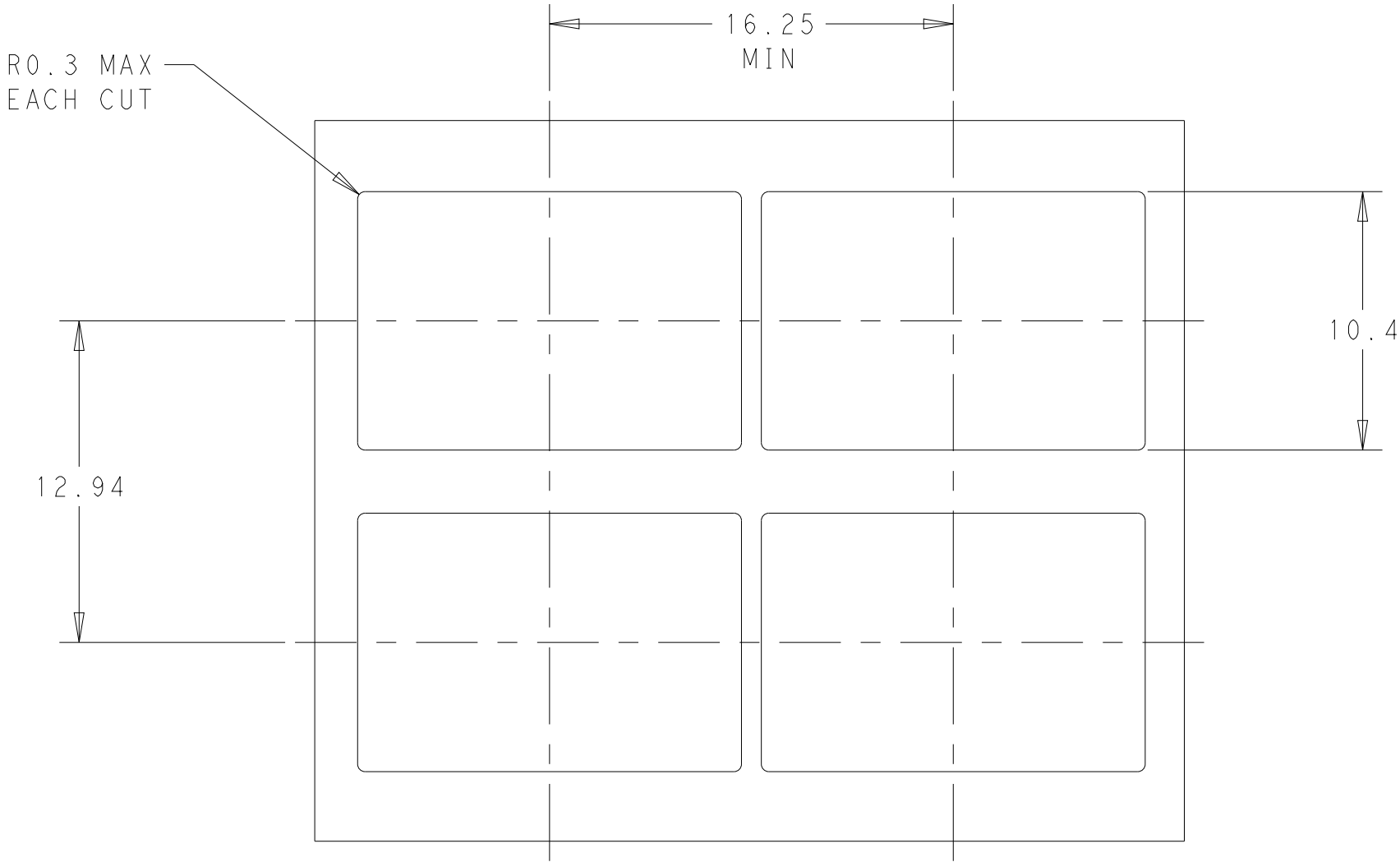


SCALE 5:1

|                                                                                       |  |                                                                                   |           |                  |           |               |                                                                                                       |                                                                         |
|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|-----------|------------------|-----------|---------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN                                                                               | IYAN TIAN |                  | 20APR2018 |               |  TE Connectivity |                                                                         |
|                                                                                       |  | CHK                                                                               | SEAN HAN  |                  | 20APR2018 |               |                                                                                                       |                                                                         |
|                                                                                       |  | APVD                                                                              | SEAN HAN  |                  | 20APR2018 |               | NAME                                                                                                  | SFP+, 1X1 CAGE ASSEMBLY<br>SOLDER TAIL EMI SPRINGS<br>SINGLE PIECE TYPE |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                            |           | PRODUCT SPEC     |           | SIZE          |                                                                                                       |                                                                         |
| MM                                                                                    |  | 0 PLC ±0.1<br>1 PLC ±0.1<br>2 PLC ±0.1<br>3 PLC ±0.05<br>4 PLC ±0.05<br>ANGLES ±° |           | 108-2364         |           |               |                                                                                                       |                                                                         |
|  |  |                                                                                   |           | APPLICATION SPEC |           | CAGE CODE     |                                                                                                       |                                                                         |
|                                                                                       |  |                                                                                   |           | 114-13120        |           | DRAWING NO    |                                                                                                       |                                                                         |
| MATERIAL                                                                              |  | WEIGHT                                                                            |           | -                |           | RESTRICTED TO |                                                                                                       |                                                                         |
|                                                                                       |  | CUSTOMER DRAWING                                                                  |           | -                |           | REV           |                                                                                                       |                                                                         |
|                                                                                       |  |                                                                                   |           |                  |           | SCALE         |                                                                                                       |                                                                         |
|                                                                                       |  |                                                                                   |           |                  |           | 2:1           |                                                                                                       |                                                                         |
|                                                                                       |  |                                                                                   |           |                  |           | SHEET         |                                                                                                       |                                                                         |
|                                                                                       |  |                                                                                   |           |                  |           | 4             |                                                                                                       |                                                                         |
|                                                                                       |  |                                                                                   |           |                  |           | OF            |                                                                                                       |                                                                         |
|                                                                                       |  |                                                                                   |           |                  |           | 6             |                                                                                                       |                                                                         |
|                                                                                       |  |                                                                                   |           |                  |           | REV           |                                                                                                       |                                                                         |
|                                                                                       |  |                                                                                   |           |                  |           | A6            |                                                                                                       |                                                                         |

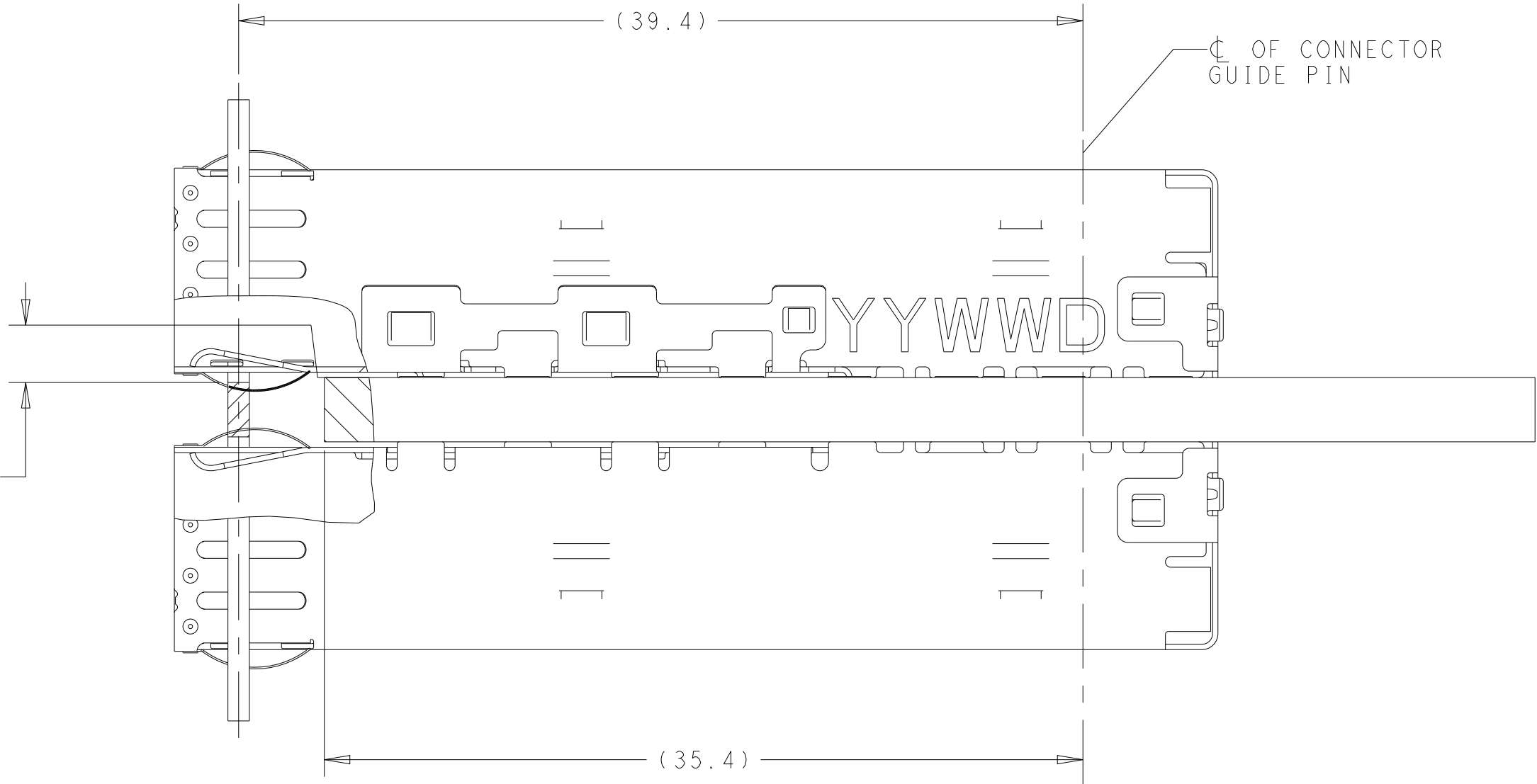


| LOC |    | DIST |     | REVISIONS   |  |  |      |     |      |
|-----|----|------|-----|-------------|--|--|------|-----|------|
| GP  | 00 | P    | LTR | DESCRIPTION |  |  | DATE | DWN | APVD |
|     |    | -    |     | SEE SHEET 1 |  |  | -    | -   | -    |
|     |    |      |     |             |  |  |      |     |      |
|     |    |      |     |             |  |  |      |     |      |
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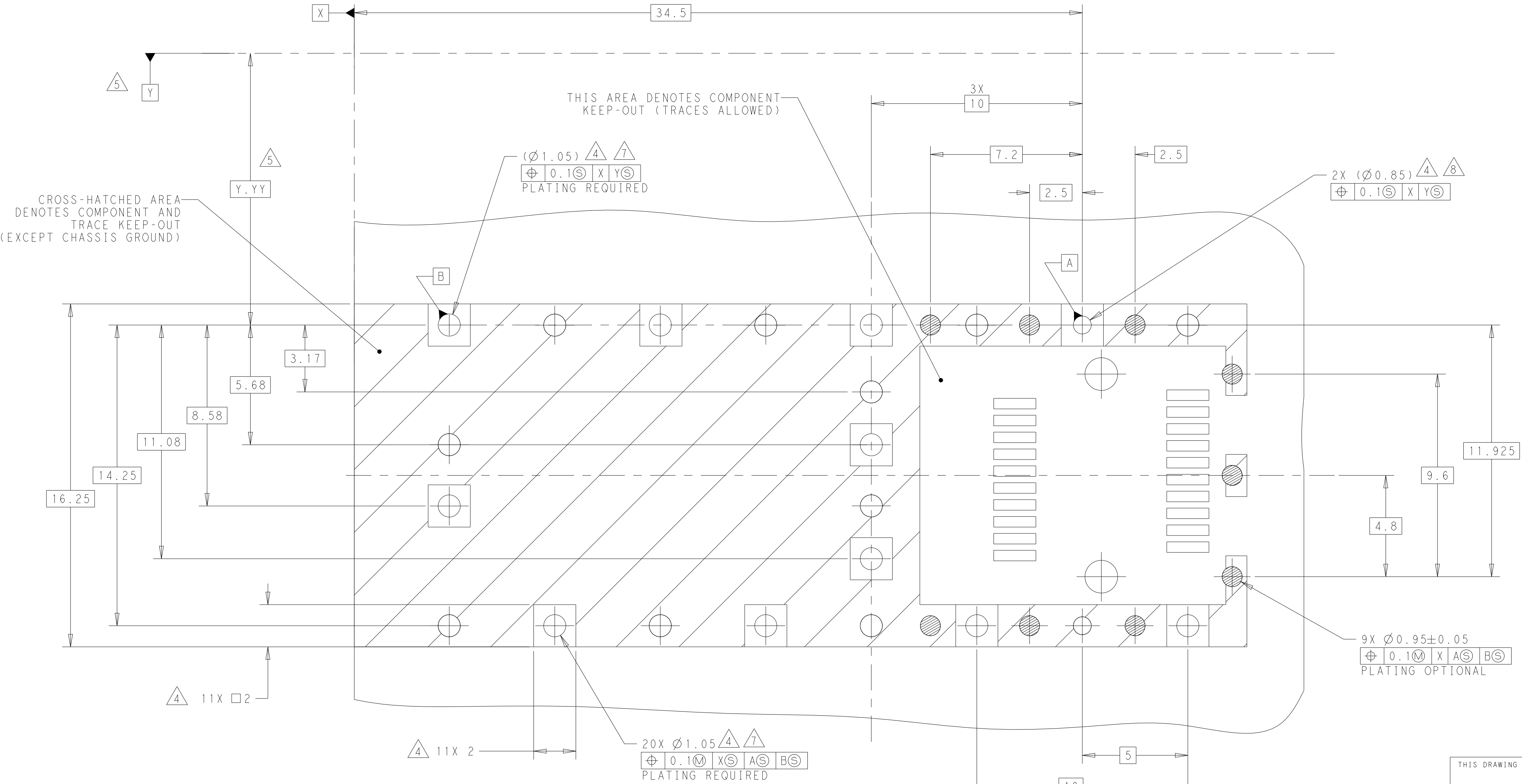


RECOMMENDED BEZEL

0.23<sup>+0.10</sup><sub>-0.14</sub>  
TOP OF PCB TO INSIDE  
OF BEZEL CUT-OUT



MOUNTED BELLY TO BELLY ON BEZEL AND  
PC BOARD ORIENTATION



RECOMMENDED BELLY TO BELLY PCB LAYOUT

|                                        |  |                  |           |  |           |  |                                                                                                       |  |
|----------------------------------------|--|------------------|-----------|--|-----------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN              | IYAN TIAN |  | 20APR2018 |  |  TE Connectivity |  |
|                                        |  | CHK              | SEAN HAN  |  | 20APR2018 |  |                                                                                                       |  |
| DIMENSIONS:                            |  | APVD             | SEAN HAN  |  | 20APR2018 |  | NAME                                                                                                  |  |
| MM                                     |  | PRODUCT SPEC     |           |  |           |  | SFP+, 1X1 CAGE ASSEMBLY<br>SOLDER TAIL EMI SPRINGS<br>SINGLE PIECE TYPE                               |  |
|                                        |  | 108-2364         |           |  |           |  |                                                                                                       |  |
|                                        |  | APPLICATION SPEC |           |  |           |  |                                                                                                       |  |
|                                        |  | 114-13120        |           |  |           |  | SIZE                                                                                                  |  |
|                                        |  | 114-13120        |           |  |           |  | CAGE CODE                                                                                             |  |
|                                        |  | 114-13120        |           |  |           |  | DRAWING NO                                                                                            |  |
|                                        |  | 114-13120        |           |  |           |  | RESTRICTED TO                                                                                         |  |
|                                        |  | 114-13120        |           |  |           |  | A100779C=2329851                                                                                      |  |
|                                        |  | 114-13120        |           |  |           |  | SCALE                                                                                                 |  |
|                                        |  | 114-13120        |           |  |           |  | 2:1                                                                                                   |  |
|                                        |  | 114-13120        |           |  |           |  | SHEET                                                                                                 |  |
|                                        |  | 114-13120        |           |  |           |  | 6 OF 6                                                                                                |  |
|                                        |  | 114-13120        |           |  |           |  | REV                                                                                                   |  |
|                                        |  | 114-13120        |           |  |           |  | A6                                                                                                    |  |
|                                        |  | 114-13120        |           |  |           |  | CUSTOMER DRAWING                                                                                      |  |